#4 P. 02: Amout 3/13/03

D.C. 20231.	Date of Freeling In March 2 (1997)
Date of Deposit:	Date of Facsimile: March 3, 2003
Typed Name: Signature:	Typed Name: Katherine Lopez Dianeson Signature: Kull Los And Mandra

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Richard P. Schneider

s). Richard 1. Schilleider

Serial No.: 09/680,726

Filing Date: 10/05/2000

Title: A VCSEL Device With Improved Modal Properties

Examiner: Diaz, Jose R.

Group Art: 2815 FAX RECEIVED

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**TECHNOLOGY CENTER 2800** 

## **Amendment**

Dear Sir:

In an Office Action, dated 3 December 2002, having a three-month statutory period for response expiring 11 July 2002, please amend the application as follows:

## In the claims:

- 1. (Cancelled)
- 2. (Cancelled)

3. (Currently Amended) A vertical cavity surface-emitting laser [, as defined in claim 1] comprising:

a device structure, having a height z and an aperture, including

an active layer having an upper and lower surface, and

upper and lower distributed Bragg reflectors on the upper and lower

surfaces of the active layer and adjacent thereto;

as pulse?